

CLAIMS

1. A controller for controlling a device driven by an AC supply, the controller being adapted to intermittently interrupt the AC supply such to encode a control signal therein. as
2. A controller as claimed in claim 1 connectable to an AC mains to thereby receive the AC supply.
3. A controller as claimed in claim 1 which is adapted to begin and end interruptions of the AC supply when the supply potential is substantially zero.
4. A controller as claimed in claim 3, wherein the controller is such as to cause interruptions of one AC cycle in duration.
5. A controller as claimed in claim 1, wherein the controller is such as to interrupt the AC every X cycles, where X is adjustable and different values of X represent different control signals.
6. A controller as claimed in claim 5 wherein the controller is adapted to receive control input and to adjust X to correspondingly control the device.
7. A control arrangement for controlling a device, comprising an AC supply, a controller as claimed in any preceding claim, an AC supply line for conducting the encoded AC supply from the controller to the device and a detector for receiving the AC supply, decoding the control signal and controlling the device in dependence thereupon.
8. A control arrangement as claimed in claim 7 wherein the device is an

external aircraft light.

9. A control arrangement as claimed in claim 8, wherein the aircraft light has a visible light emitter and an infra red emitter both controllable by the controller.

10. A control arrangement as claimed in claim 8, which is adapted to begin and end interruptions of the AC supply when the supply potential is substantially zero.

11. A control arrangement as claimed in claim 8, wherein the controller is such as to cause interruptions of one AC cycle in duration.

12. A control arrangement as claimed in claim 8, wherein the controller is such as to interrupt the AC every X cycles, where X is adjustable and different values of X represent different control signals.

13. A control arrangement as claimed in claim 8, wherein the controller is adapted to receive control input and to adjust X to correspondingly control the device.